

## ABSTRACT OF THE DISCLOSURE

5 A vehicle overhead audio system and an electromagnetic transducer assembly for use therein are provided where a headliner of the vehicle is a loudspeaker of the system thereby replacing many other loudspeakers and being invisible to the occupants. The headliner is driven in multiple zones that effect proper imaging for all occupants. Supplemental high frequency and subwoofer speakers and signal processing circuitry are included in one aspect of the invention.

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